

LABORATÓRIOS - V.N.FAMALICÃO



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Request Nr.: 11158/2017

Date of Reception : 2017/11/13

Observations

Samples reference - Your reference

18608/2017 - Argiyim 245 Static Pro

Tests required

Tests according EN 1149-5
3/1 S Twill Fabric ref. ArGiyim 245 Static Pro Colour: white
Composition: 79% polyester 20% cotton 1% carbon - 245 g/m²

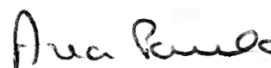
COMMENTS

See last page

- The tests were performed between the following dates: 2017/11/13 and 2017/11/29.

V.N.FAMALICÃO, 04th December 2017

LABORATORY
COORDINATOR



(Eng^a Ana Paula Fonte)

NOTES:

- These results were obtained according to the proceedings referred in the Quality Manual of CITEVE and concern only the samples submitted to testing (above mentioned).
- Any part of this report cannot be reproduced without the prior permission of CITEVE.
- The tests signalled by * are not included in the scope of accreditation of this laboratory
- q.l - quantification limit d.l. - detection limit n.d. - not detected
- Samples are stored for 6 months after the date of entry, except for chemical products that are stored for a month.

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<u>Sample Ref.</u>	<u>Your ref.</u>	<u>Sample description</u>
18608 /2017	Argiyim 245 Static Pro	1 Sample of woven fabric

Test/Standard: *DIMENSIONAL STABILITY TO DOMESTIC WASHING AND DRYING / EN ISO 6330:2012*

Results

Wales/length/warp (mean value %) -	-2,7
Courses/width/weft (mean value %) -	-0,9

Test Conditions

Washing machine: Type A	
Washing programme (ISO 6330:2012):	4N (40°C)
Total load (kg): 2	
Type of load used:	Type III (100% polyester)
Detergent used: Ref.3 (ECE)	
Sodium perborate+TAED	
Drying method:	Line dry
Number of washing and drying cycles: 5	
Number of specimens tested: 3	
Note: the signal + means extension and the signal - means shrinkage.	

Test/Standard: *ELECTROSTATIC PROPERTIES: MEASUREMENT OF CHARGE DECAY / EN 1149-3:2004*

Results

CHARGE DECAY HALF TIME (t50):	
Individual values (s):	<0,01 <0,01 <0,01
Mean value (s):	<0,01
SHIELDING FACTOR (S):	
Individual values:	0,53 0,53 0,52
Mean value:	0,53

Test Conditions

Method used: 2 (induction charging)	
Time measurement: 30 s	
Number of specimen tested: 3	
Pre-treatment:	
Washing programme (ISO 6330:2012):	4N (40°C)
Drying procedure:	Line dry
Detergent used:ECE+Sodium perborate+TAED	
Number of cycles: 5	

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Atmosphere for conditioning and testing:
(23+/-1)°C; (25+/-5)% relative humidity

Test/Standard: *pH OF AQUEOUS EXTRACT / ISO 3071:2005*

Results

Mean pH-value -	5,9
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Test Conditions

Type of solution used -	KCl
pH of the extracting solution -	5,8
Temperature of the extracting solution -	20 °C

COMMENTS

The sample our ref. 18608/2017 is according EN 1149-5:2008 in electrostatic properties: measurement of charge decay (EN 1149-3:2004, requirement $t_{50} < 4s$ or $S > 0,2$), is according EN ISO 13688:2013 in dimensional stability to domestic washing and drying (5 cycles 4N (40°C) Line dry: maximum requirement $\pm 3\%$), pH of aqueous extract (requirement 3,5 to 9,5).



request 11158-2017 sample 18608-2017